

DESCRIPTION

PRODUCT COVERED:

Unlisted component equipment wiring terminal Cat. No. RKW-14Si **followed by Suffix letter G or O, and by Suffix numbers -20, -30, or -32, with or without color Suffix.**

GENERAL CHARACTER AND USE:

The devices described in this Report are of the following type.

Type of Wiring Termination

Wire connector pressure screw

WIRE RANGE:

<u>Cat. No.</u>	<u>Max.</u> <u>Amps</u>	<u>Wire Range</u> <u>AWG</u>	<u>Cu.</u> <u>Torque</u>	<u>Screw</u>
RKW-14Si all Suffixes	20	12-10	Sol/Str	7 lb-in.

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Use - For use only in Applicant's complete equipment where the acceptability is determined by Underwriters Laboratories Inc.

Conditions of Acceptability

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1. The connector shall be prevented from turning by close fitting walls, turn preventive features or the equivalent.

2. Cat. Nos. RKW-14Si (with Suffixes) have an assigned **max.** ampere *rating of 20 A. **The** connector shall be additionally evaluated for temperature rise in the end use application.

* 3. Cat. Nos. RKW-14Si (with Suffixes) have have been tested using a torque value of 7 in.-lb. The need for marking the end-use product with this torque value shall be considered.

4. The connector shall be mounted to a tin plated bus bar having a material and minimum cross section as tabulated:

<u>Cat. No.</u>	<u>Bus Bar Material</u>	<u>Cross Section, mm</u>	
		<u>Width</u>	<u>Thickness</u>
RKW-14Si, -20, -30, -32	Brass	2.9	0.8

The portion of the bus which contact the wire shall have lateral serrations.

Nomenclature - The Cat. Nos. are designated as follows.

Typical Cat. No.	RKW14Si	G	-32	RED
	1	2	3	4

1. Basic Cat. No. - RKW14Si

2. Terminal Style

G - Closed solder tag
O - Open solder tag

Note- Bus bar with solder tag not supplied.

3. Fuse Size

-32 - 6.3 x 32 mm
-30 - 5.0 x 30 mm
-20 - 5.0 x 20 mm

Note - Fuseholder not supplied.

4. Color Suffix (Optional).

CAT. NO. RKW-14Si
*(WITH SUFFIXES)

FIG. 1 (C88-4591)

General - The photograph depicts the general shape and design. Items 1, 3, and 4 are not provided.

2. Connector Body - Tin plated brass. Dimensions: 5 by 5.5 by 8.5 mm overall, wire opening is 3.5 by 4.5 mm with concave bottom edge. Provided with minimum two full threads for clamping screw.

5. Clamping Screws - Plated steel. Dimensions: 8 mm long, 3 mm diameter, 16 threads per 10 mm. 1 mm wide slot in head.